<400> 227
ggtgcgatcc atggcaaaga gctcgttcaa gcacgatcat cctccagaga gaagacaagc 60
tgaagcttct cggattcgag aaaagtatcc ggacaggatt ccggttattg tggagaaggc 120
tgagagaagt gagatacctg atattgataa aaagaaatat ttagtcccag cagatttgac 180
tgttgggcaa tttgtttatg ttgtccgaaa aaaaaaaaa 219

<210> 228
<211> 405
<212> DNA
<213> Pinus taeda

<400> 228
ggtgcgatcc cctgtattct tgaaagggtt ataacggaag atagcatttt gctcagattg 60
tagacagtct gcatgatttg tcaatactac tatttcgcat tatttgttaa tactactaat 120
ccttgtactc atctagacta tttaattatt aaattctaca gtttctttct cctagatggc 180
aaacaatatg aataaaatgc caatagtttt ggaactactc cattaagagc tttagatgat 240
tatcattcat catttgcctg ttttgaatcg taaatgaatg tgtcacggtc ttcttttctg 300
ttagtctcta tgctttcatc agaagagtct aagccagtta ctggaagcta tttgtcatct 360
ctttaaacat tgtttccgtg ccaaaaaaaa aaaaaaaaa aaaaa 405

<210> 229
<211> 329
<212> DNA
<213> Pinus taeda

<400> 229
ggcagaactt ccaaagtcta gtatttgatt aactaatatg atgaagacac tcagtctata 60
acatgacgcc agaaatcaga ccatatgcat gataactagc acgattaaaa tacaattcgc 120
aacctttaat acactaaaaa cgtttactgt atagtccact cagaacattt cgatagtatt 180
gtcagatcga cttatttagc tcatattcag caatctgaac tgtacgatgc ggctcattca 240
agggcatttg ggtttgccct tggcattctt catatcccga tagcaaggac acgcgttctt 300
gttgccatat gtccctgggg gatcgcacc 329

<210> 230
<211> 354
<212> DNA
<213> Pinus taeda

<400> 230
ggtgcgatcc acattggcca ggccggtatt caggtcggca atgcctgttg ggagctttac 60
tgtctcgagc acgacattca gcctgatgga caaatgccaa gtgacaagac cgttggcggt 120
ggagatgatg cattcaacac atttttcagt gagacaggtg ccggtaagca tgttcctcgt 180
gccgtgtttc tggatctgga gccaactgtc attgatgaag ttcgaaccgg cacatatcgg 240
cagctttttc acccagagca gctgatcagt ggcaaagaag atgccgccaa caactttgct 300
cgtggccatt ataccattgg taaggaaatt gtggatctgt gcttggatcg cacc 354

<210> 231
<211> 271
<212> DNA
<213> Pinus taeda

<400> 231
ggtgcgatcc cagcattgga tgcatttcta gcacaaagcc atcttgacta aaatagcact 60
gcgggcaact gcagtccata actttcagag cattgttgct gcctcaattg tataccaatc 120

```
catattctaa aaattagacc tggaaaccag tcagaaattt aatgttttct tgcagaaaat 180
gccctttag aaaaaggaga gaataactgc attcaagttc taactcccag acatagcctg 240
gcaacgtcat tcattcagtt cggatcgcac c                                271
```

```
<210> 232
<211> 370
<212> DNA
<213> Pinus taeda

<400> 232
ggtgcgatcc agaaaacagc acaagcaatc tgtaagacca atattattat catctctcac 60
tgctcgtgaa caaaatgctg gttcatagcc atcacgaagg ctaaggctac tatccagcca 120
aactgatctc caacaataat ttcataagct taaataaata gtccatccag tggatggagc 180
cagaaagcca tagaaacttc aaatacttgt ggtatcaatc tctcctctgt taagggaggt 240
atcagatcag aagcactaat caaatgcata cataaatgca gtagactgca ataaaacaaa 300
atctgcagat agcaactgag cgcttaacga acggaaaaga gtttaacttg atctatcaca 360
ggatcgcacc                                                       370
```

```
<210> 233
<211> 328
<212> DNA
<213> Pinus taeda

<400> 233
gaaaatggga gcctcaaata ttcaaagcct catctcaaga gtctcagatt cggattcatt 60
tcatttggtt cgtaataaaa taatgcatca aatagttatt atccacaaaa atgggagaat 120
tattacaatc tgtcttctca acataaagtc atagcatagc atagaaccac accacagtcg 180
tcatcatttg ttttgttcac caccgaaggg gctctttaca gcgtccatga gccctgtgt 240
agcacccttc gccttgtccc ccgcctgttg gaagaaagag ccagtttgtt ctttcccctc 300
ttgggctttt cccgtgatgg atcgcacc                                   328
```

```
<210> 234
<211> 157
<212> DNA
<213> Pinus taeda

<400> 234
ggtgcgatcc tattatagaa ccatgactct tgtcgatggg gcataaactt ctcattctta 60
ggcgtgccta ctgtgactct tgccgatgtg gcataaactg cttattctta gttgtgcctt 120
ctgtgcagaa cttgttgagt cggtggatta cactgac                        157
```

```
<210> 235
<211> 334
<212> DNA
<213> Pinus taeda

<400> 235
ggtgcgatcc attaactaga ttaacgataa cattcctctg catccaatcc aatgctcatc 60
taaatctact tctacttaga tctctgcctc atctttctcc acctcctcat ccattctgaa 120
atattaattt ctgcatagat tttgttaggg tctagtaatc attttcatga atttaaatct 180
gttctagtct cttattatta tgctgcttat gctagcatca gaacctgtgt ataattcatt 240
catgtatata ttggattaca caaattatac ggatgccaga aaaaaaaaaa aaaaaaaaaa 300
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaa                            334
```

```
<210> 236
<211> 199
<212> DNA
<213> Pinus taeda

<400> 236
cttgaagctg atatgtttga acccgaaatt ttgttaccca actccagtgt acattgtgtc 60
actgtcaaag agaacatgag agctgcatgc aagcttttgc atgatagata gattactgat 120
caccgaacat ttcttactct actttcctct cctatcccca gtgatttttg ggcattttct 180
ataccccttcg gatcgcacc                                              199


<210> 237
<211> 220
<212> DNA
<213> Pinus taeda

<400> 237
ctcatgaaca gcaatatgat gcattcctct tatacacatt tcatatatgt tcacccttgc 60
cgtcatggct actctaagaa gagcaaaaca gacccattga atctttacac gcgcttgttt 120
atatgaatac aaataattta ggcgtttctt tacacgccct tgtttacatt aatacaagtg 180
atttaggcgt tgttaccaga atagtgccac ggatcgcacc                        220


<210> 238
<211> 555
<212> DNA
<213> Pinus taeda

<400> 238
ggtgcgatcc caagatagaa aagggaacta tggtctcgag gagtgtcagg tgctacagat 60
cacaatatac ataagggtct gatagtagta ctcggcccaa tgtttgaggg ctctaactaa 120
ggaggatcaa ccgtacccct agccgtaaaa cccgactacc ctatcgtacg ggcgagtaat 180
ctctctgagt gttgttctcg gtgtatcgta gcagcaacac ggctgacggt ttatctatgg 240
tgaggtttca aaggagctag ggggcttcca atatacccag agggtacttg aagacagtt 300
tatacgcggt tctgtctaat gcgctactac tcgaaggggt acccacaggg gttacaagag 360
agtgcaacaa gcatgaccac cccttgtatt tcttgcatgt atgcctcccc aaatccgcag 420
gtttatgcgc tcattgacag attccgtggt ttaaagatgc cggaacatgt ctctagccaa 480
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 540
aaaaaaaaaa aaaaa                                                   555


<210> 239
<211> 419
<212> DNA
<213> Pinus taeda

<400> 239
ggtgcgatcc tcctaacctg caatgtcctt cctgcaacct gcaattattc aacagaaatt 60
aggtttattt ttcttttttgt cttttcttct tttttttttt tttttttttt tttttttttt 120
ttttttaagt aaacgaccat ttcaaacgcc atttcaaatg ctatgaatta atgttgaatt 180
aatgttagca ttaagtctta aacattttat gttaaggcat atatatcgtt ccaactactc 240
ttacaataca cctgcggtgt actcctgcca ccgcatgtac caccgttaca tgtacgcctg 300
ccagcacatc taacaggtgc caactccttt gaactcatcg tcgccatttt tgtatgcata 360
tttgaactca tcgtcgccat ttttggtatc ttcacatatg ccagtccag gatcgcacc 419
```